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In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently Amended): A system for connecting a wireless device to a remote location on a computer network, the wireless device including a processor and a transmitter/receiver for sending and receiving radio frequency signals to provide two-way digital communication between the processor and the computer network, the system comprising:

5   a beacon unit disposed at a location and including a transmitter for transmitting a beacon signal into a target region adjacent to the location and including information indicative of a first code associated with the beacon unit;

   a beacon signal receiver circuit disposed with the wireless device and adapted to receive the beacon signal when the wireless device is within the target region, the beacon signal receiver circuit

10 being operably connected to the processor of the wireless device;

   whereby, in response to receiving the beacon signal, the beacon signal receiver circuit sends control signals to the processor of the wireless device; [[and]]

   whereby, in response to the processor receiving the control signals, the wireless device is connected to a specific remote location on the computer network[[.]];

15   a first computer disposed on the computer network; and

   a computer database operably connected to the first computer, the computer database including a plurality of routing information for remote locations on the computer network and a plurality of first codes and associating each of the routing information with at least one of the first codes;

   whereby, upon receiving a message packet transmitted from the wireless device across

20 the network which is indicative of a particular first code contained in the beacon signal, the first computer accesses the computer database, retrieves the routing information associated with the particular first code and transmits the routing information associated with the particular first code across the computer network back to the wireless device.

Claim 2 (Original): A system in accordance with claim 1, wherein the beacon signal is a radio

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frequency (RF) signal.

Claim 3 (Original): A system in accordance with claim 2, wherein the frequency of the beacon signal is different from the frequency used by the transmitter/receiver of the wireless device to communicate with the network.

Claim 4 (Original): A system in accordance with claim 3, wherein the modulation of the RF signal of the beacon signal carries digital information.

Claim 5 (Original): A system in accordance with claim 3, wherein the modulation of the RF signal of the beacon signal carries analog information.

Claim 6 (Original): A system in accordance with claim 1, wherein the beacon signal is an optical signal.

Claim 7 (Original): A system in accordance with claim 6, wherein the optical signal comprises light within the visible light portion of the electromagnetic spectrum.

Claim 8 (Original): A system in accordance with claim 6, wherein the optical signal comprises light within the infrared (IR) portion of the electromagnetic spectrum.

Claim 9 (Original): A system in accordance with claim 6, wherein the optical signal comprises light within the ultraviolet (UV) portion of the electromagnetic spectrum.

Claim 10 (Original): A system in accordance with claim 1, wherein the beacon signal is an acoustic signal.

Claim 11 (Original): A system in accordance with claim 10, wherein the acoustic signal is within the human-perceptible frequency range.

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Claim 12 (Original): A system in accordance with claim 10, wherein the acoustic signal is within the ultrasonic frequency range.

Claim 13 (Canceled)

Claim 14 (Canceled)

Claim 15 (Currently Amended): A system in accordance with claim [[14]] 1, wherein:

in response to receiving the routing information associated with the particular first code from the first computer, the wireless device is connected to a second computer at a remote location; and

whereby, the second computer transmits information back across the computer network to the wireless device for display to the user.

Claim 16 (Original): A system in accordance with claim 15, wherein information indicative of the first code is transmitted from the wireless device to the second computer when the wireless device is connected to the second computer.

Claim 17 (Original): A system in accordance with claim 15, wherein information indicative of a second code associated with one of the beacon signal receiver unit and the wireless device is transmitted from the wireless device to the second computer when the wireless device is connected to the second computer.

Claim 18 (Currently Amended): A system for connecting a wireless device to a remote location on a computer network, the wireless device including a processor and a transmitter/receiver for sending and receiving radio frequency signals to provide two-way digital communication between the processor and the computer network, the system comprising:

a beacon unit disposed at a location and including:

a transmitter for transmitting a beacon signal into a target region adjacent to the

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location;

a memory operably connected to transmitter, the memory containing a first code which is transmitted by the transmitter as a component of the beacon signal, the first code is associated with the specific remote location on the network and the memory further contains a second code, and the second code is also transmitted by the transmitter as a component of the beacon signal; and

beacon signal receiver circuit disposed with the wireless device and adapted to receive the beacon signal when the wireless device is within the target region, the beacon signal receiver circuit being operably connected to the processor of the wireless device;

whereby, in response to receiving the beacon signal, the beacon signal receiver circuit sends control signals to the processor of the wireless device; and

whereby, in response to the processor receiving the control signals, the wireless device is connected to a specific remote location on the computer network.

Claim 19 (Canceled)

Claim 20 (Currently Amended): A system in accordance with claim [[19]] 18, wherein the first code includes routing information associated with the specific remote location on the network.

Claim 21 (Original): A system in accordance with claim [[19]] 18, wherein the first code does not include routing information associated with the specific remote location on the network.

Claim 22 (Canceled)

Claim 23 (Currently Amended): A system in accordance with claim [[22]] 18, wherein the second code is associated with an attribute of the beacon unit.

Claim 24 (Original): A system in accordance with claim 23, wherein the attribute of the beacon unit is the location of the beacon unit.

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Claim 25 (Original): A system in accordance with claim 23, wherein the attribute of the beacon unit is a serial number of the beacon unit.

Claim 26 (Original): A system in accordance with claim 23, wherein the attribute of the beacon unit is a type descriptor characterizing the type of beacon unit.

Claim 27 (Original): A system in accordance with claim 18, wherein the first code is associated with the location of the beacon unit.

Claim 28 (Original): A system in accordance with claim 18, wherein the first code is associated with a serial number of the beacon unit.

Claim 29 (Original): A system in accordance with claim 18, wherein the first code is associated with a type descriptor characterizing the type of beacon unit.

Claim 30 (Original): A system in accordance with claim 18, whereby the beacon unit further comprises an input/output (I/O) circuit, the I/O circuit being operably connected to the memory and adapted to receive instruction signals from an instruction source, whereby, in response to receipt of the instruction signals, the codes in the memory may be changed.

Claim 31 (Original): A system in accordance with claim 30, wherein the instruction source is a keypad.

Claim 32 (Original): A system in accordance with claim 30, wherein the instruction source is a public switched telephone network (PSTN).

Claim 33 (Original): A system in accordance with claim 30, wherein the instruction source is an RF receiver.

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Claim 34 (Original): A system in accordance with claim 30, wherein the instruction source is an optical receiver.

Claim 35 (Original): A system in accordance with claim 30, wherein the instruction source is a acoustic receiver.

Claim 36 (Original): A system in accordance with claim 18, wherein the beacon signal receiver circuit, in response to receiving the beacon signal containing the first code, sends control signals indicative of the first code to the processor of the wireless device.

Claim 37 (Currently Amended): ~~A system in accordance with claim 18,~~ A system for connecting a wireless device to a remote location on a computer network, the wireless device including a processor and a transmitter/receiver for sending and receiving radio frequency signals to provide two-way digital communication between the processor and the computer network, the system comprising:

a beacon unit disposed at a location and including:

a transmitter for transmitting a beacon signal into a target region adjacent to the location;

a memory operably connected to transmitter, the memory containing a first code which is transmitted by the transmitter as a component of the beacon signal; and

a beacon signal receiver circuit disposed with the wireless device and adapted to receive the beacon signal when the wireless device is within the target region, the beacon signal receiver circuit being operably connected to the processor of the wireless device;

whereby, in response to receiving the beacon signal, the beacon signal receiver circuit sends control signals to the processor of the wireless device;

whereby, in response to the processor receiving the control signals, the wireless device is connected to a specific remote location on the computer network wherein the beacon signal receiver circuit further comprises a memory storing a third code; and

whereby the control signals sent from the beacon signal receiver circuit to the processor of the wireless device are indicative of the third code.

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Claim 38 (Original): A system in accordance with claim 37, wherein the third code is associated with a serial number of the beacon signal receiver circuit.

Claim 39 (Original): A system in accordance with claim 38, wherein the third code is associated with a type descriptor characterizing the type of the wireless device.

Claim 40 (Currently Amended): ~~A system in accordance with claim 18,~~ A system for connecting a wireless device to a remote location on a computer network, the wireless device including a processor and a transmitter/receiver for sending and receiving radio frequency signals to provide two-way digital communication between the processor and the computer network, the system comprising:

5   a beacon unit disposed at a location and including:
                          a transmitter for transmitting a beacon signal into a target region adjacent to the
location;
                          a memory operably connected to transmitter, the memory containing a first code
which is transmitted by the transmitter as a component of the beacon signal; and
10   a beacon signal receiver circuit disposed with the wireless device and adapted to
receive the beacon signal when the wireless device is within the target region, the beacon signal
receiver circuit being operably connected to the processor of the wireless device;
                          whereby, in response to receiving the beacon signal, the beacon signal receiver circuit
sends control signals to the processor of the wireless device;
15   whereby, in response to the processor receiving the control signals, the wireless device
is connected to a specific remote location on the computer network further comprising:

a first computer disposed on the computer network; and

a computer database operably connected to the first computer, the computer database

including a plurality of routing information for remote locations on the computer network and a plurality

20   of first codes and associating each of the routing information with at least one of the first codes;

whereby, upon receiving a message packet transmitted from the wireless device across

the network which is indicative of a particular first code contained in the beacon signal, the first

computer accesses the computer database, retrieves the routing information associated with the

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particular first code, and transmits the routing information associated with the particular first code across the computer network back to the wireless device.

Claim 41 (Original): A system in accordance with claim 40, wherein:

in response to receiving the routing information associated with the particular first code from the first computer, the wireless device is connected to a second computer at a remote location; and

5   whereby, the second computer transmits information back across the computer network to the wireless device for display to the user.

Claim 42 (Original): A system in accordance with claim 41 wherein information indicative of a code associated with one of the beacon unit and the beacon signal receiver circuit is sent from the wireless device to the second computer when the wireless device is connected to the second computer.